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7. A method for the co-purification of fibrinogen and factor XIII which comprises the steps of:

5 (a) loading a solution comprising fibrinogen and factor XIII onto an immobilised metal ion affinity chromatography matrix under conditions such that the fibrinogen and the factor XIII both bind to the matrix, and

10 (b) selectively co-eluting the fibrinogen and the factor XIII from the matrix.

8. Use of immobilised metal ion affinity chromatography for the separation of fibrinogen from plasminogen.

15 9. Use of immobilised metal ion affinity chromatography for the preparation of fibrinogen and plasminogen.

20 10. Use of immobilised metal ion affinity chromatography for the co-purification of fibrinogen and factor XIII.

25 11. Fibrinogen prepared by a method according to any of claims 1 to 7.

12. Fibrinogen prepared by a method according to any of claims 1 to 7, for use in therapy.

30 13. A pharmaceutical kit comprising fibrinogen prepared by a method according to any of claims 1 to 7, together with thrombin.

14. A kit as claimed in claim 12, wherein the thrombin is prepared by a method comprising the steps of:

35 (a) solvent-detergent virus inactivation of a solution comprising prothrombin and factor X;
(b) loading the product of step (a) onto an anion